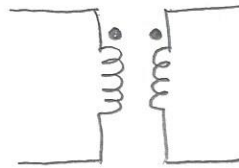


#209

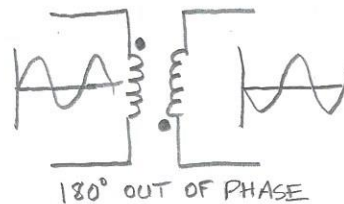
BASICS OF PHASING DOTS ON TRANSFORMER WINDINGS ON TRANSFORMER WINDINGS

W2AEW

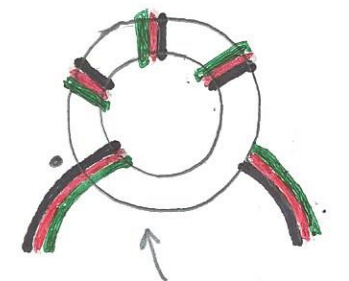
- DOT CONVENTION IS USED WHEN THE PHASE RELATIONSHIP BETWEEN MUTUALLY COUPLED INDUCTORS (I.E. TRANSFORMERS) IS IMPORTANT



- THE PHASE DOTS INDICATE THE "POLARITY" FOR THE INPUT & OUTPUT SIGNALS



- PHASE RELATIONSHIP IS DETERMINED BY THE ORIENTATION / DIRECTION OF THE WINDINGS



TRI-FILAR EXAMPLE

- BE CONSISTANT WITH YOUR WINDING METHOD & DIRECTION

- EXAMPLE: {
- DOWN THRU CENTER
 - UP ON OUTSIDE
 - ADD ADDITIONAL TURNS CLOCKWISE DIRECTION

- PHASING IS EASY!
- ALL WIRE ENDS ON THE SAME "SIDE" OF THE CORE ARE IN PHASE
- PICK A SIDE TO BE DOTTED - DONE!

